

Data File : VU030556.D
Acq On : 29 Mar 2019 20:55
Operator : JC/SP
Sample : K2166-06 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A8

Quant Time: Mar 30 02:16:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	419436	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	406180	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153403	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148326	43.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.88%
7) Chloroethane-d5	1.68	69	130768	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.76%
11) 1,1-Dichloroethene-d2	2.27	63	216990	33.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.78%
21) 2-Butanone-d5	4.18	46	339414	106.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.96%
24) Chloroform-d	4.65	84	289210	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
26) 1,2-Dichloroethane-d4	5.31	65	195119	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
32) Benzene-d6	5.34	84	550813	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.33	67	206156	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.46%
41) Toluene-d8	7.56	98	465154	44.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.92%
43) trans-1,3-Dichloropropene-	7.85	79	84633	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.31	63	218090	100.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286111	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	158472	51.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.12%

Target Compounds

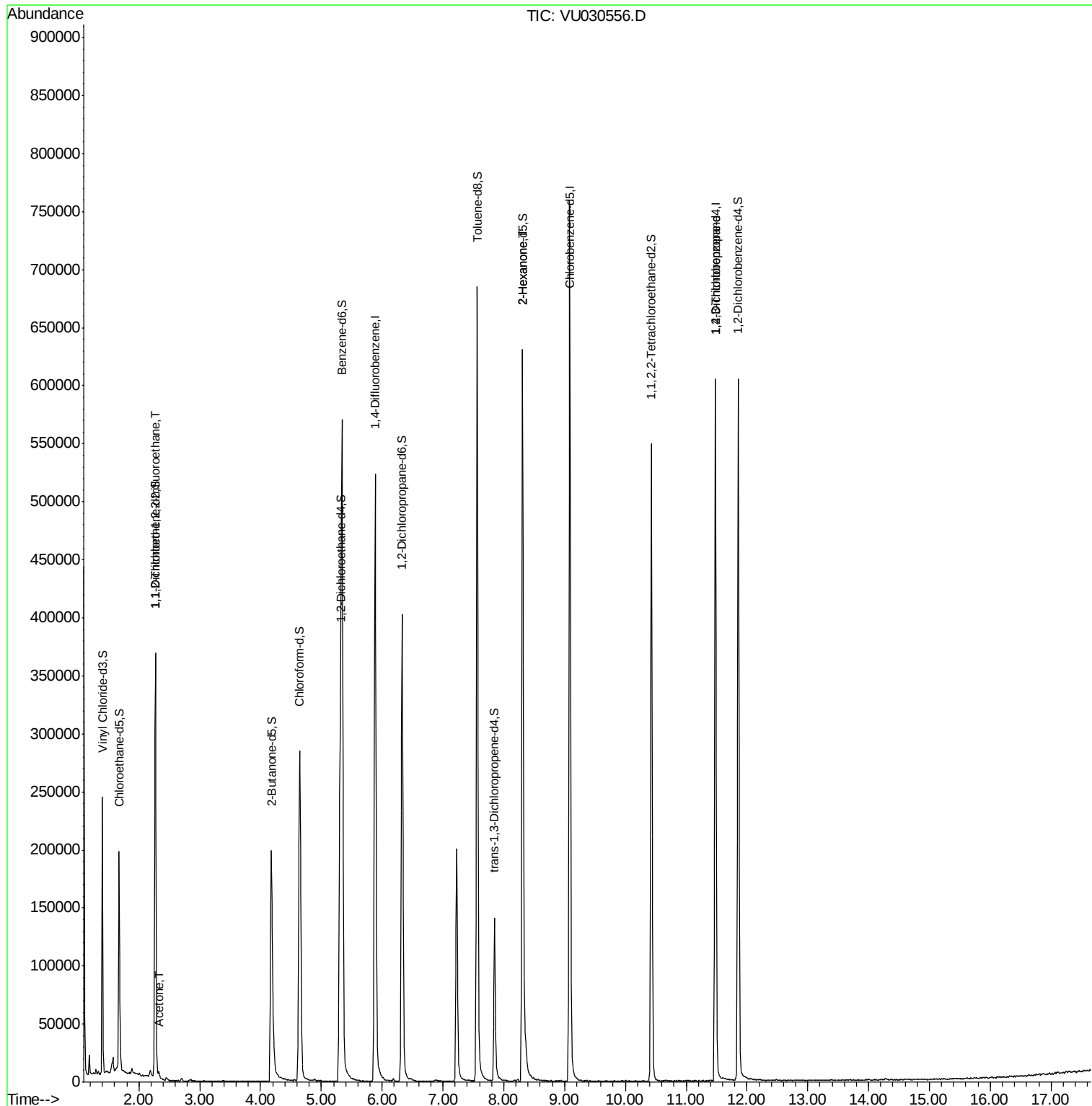
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2014	0.658	ug/L #	21
13) Acetone	2.32	43	2399	0.748	ug/L	89
48) 2-Hexanone	8.31	43	26173	4.845	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	19952	4.177	ug/L	92

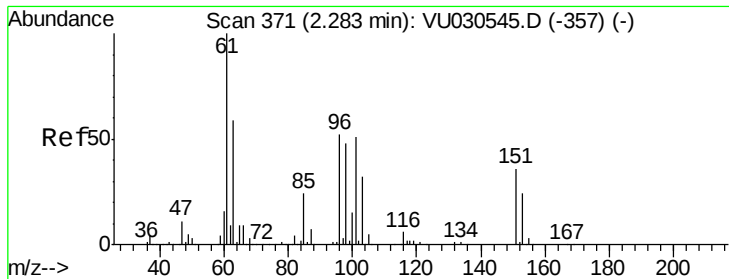
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.658 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

BF1A8

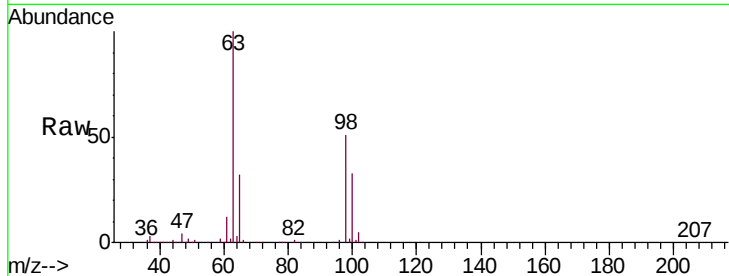
Tgt Ion:101 Resp: 2014

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

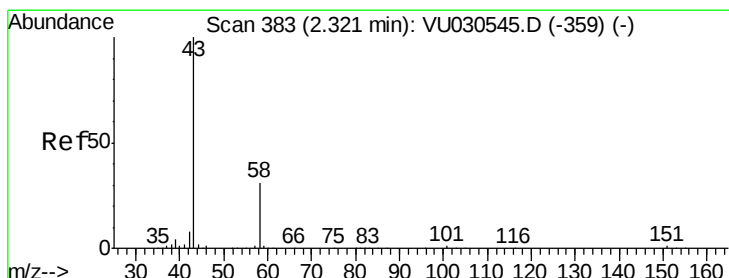
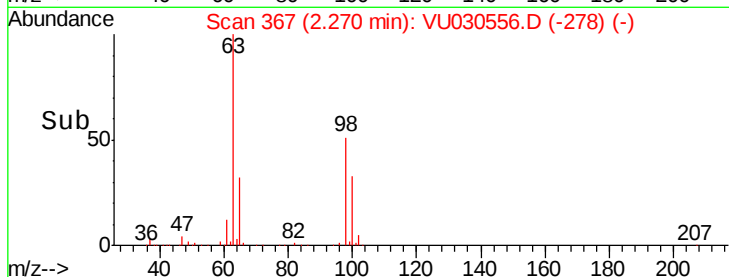
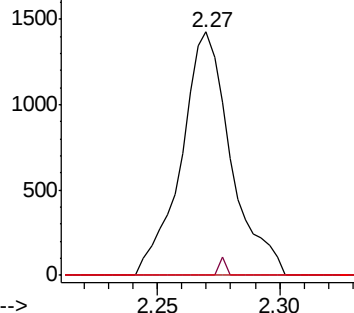
151 0.0 56.6 85.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.748 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

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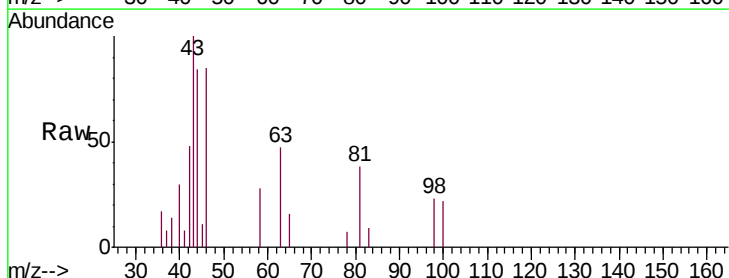
Acq: 29 Mar 2019 20:55

Tgt Ion: 43 Resp: 2399

Ion Ratio Lower Upper

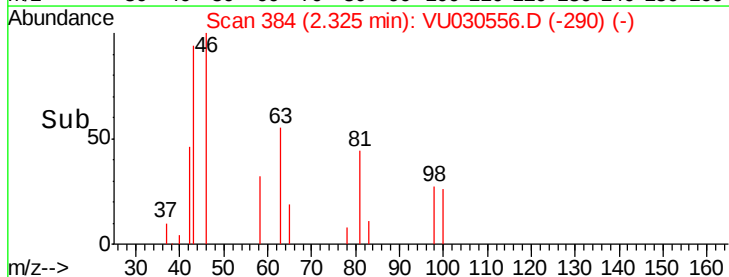
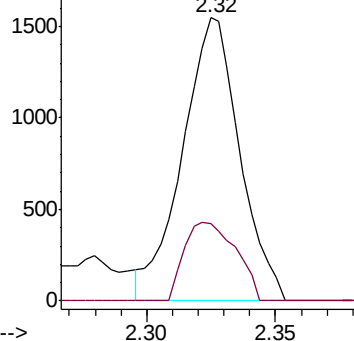
43 100

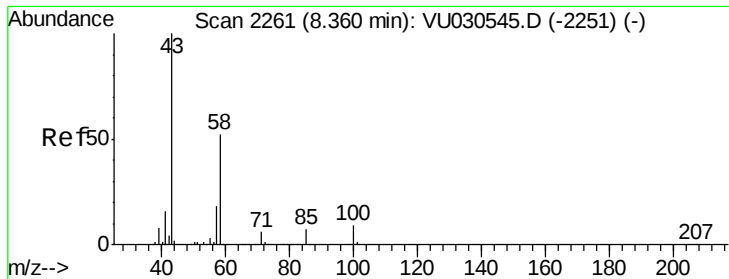
58 25.1 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

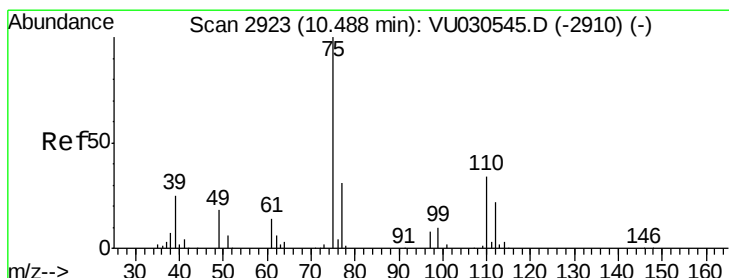
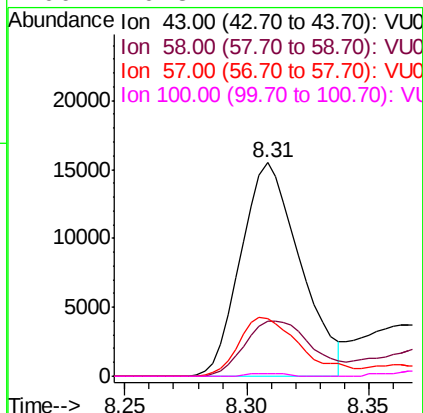
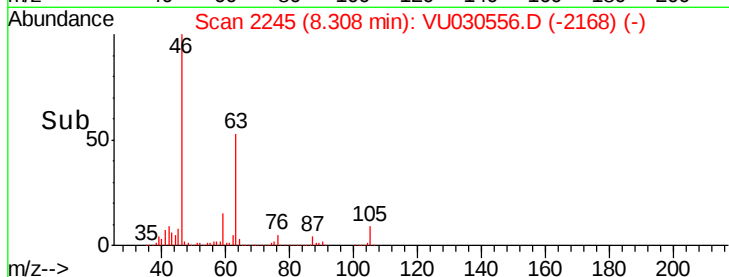
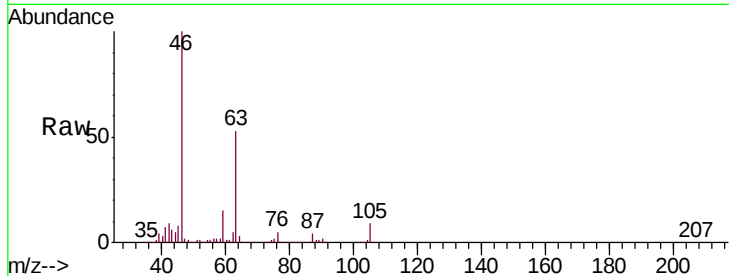




#48
 2-Hexanone
 Concen: 4.845 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 26173
 Ion Ratio Lower Upper
 43 100
 58 29.4 42.5 63.7#
 57 29.1 15.0 22.6#
 100 0.8 7.4 11.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.177 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU030556.D
 Acq: 29 Mar 2019 20:55

Tgt Ion: 75 Resp: 19952
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.4 38.2

